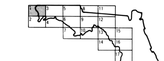
I 49.89.87-47-1/map E1
6-12-1

MAP E1

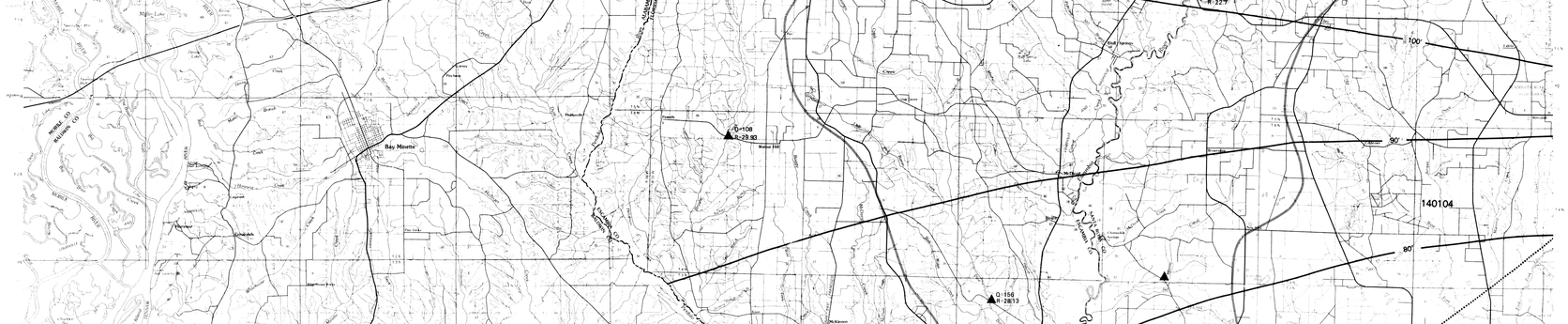
Bay Minette

FLORIDA ECOLOGICAL ATLAS

HYDROLOGY AND CLIMATOLOGY



4MMS 85-0011
FWS/OBS-82/47.1



ORIGINAL

Scale 1:100 000

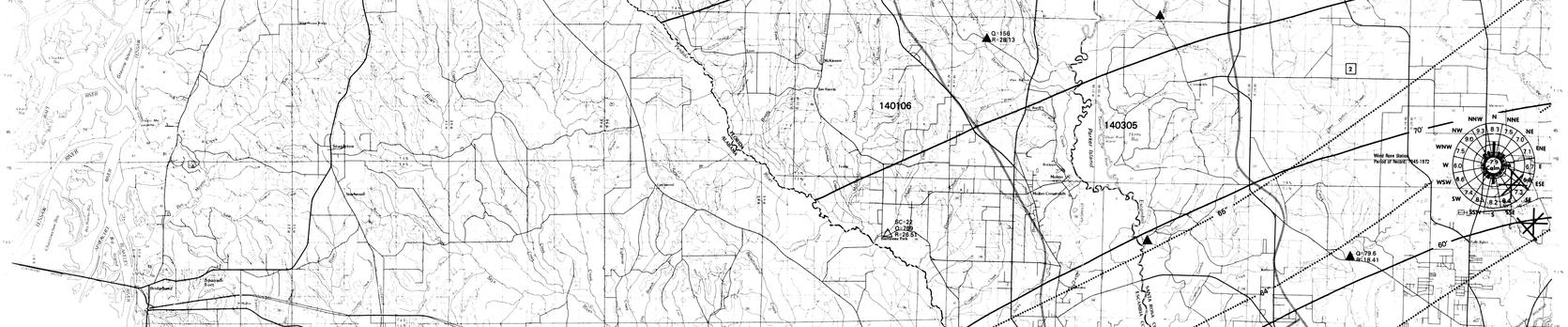
TOPICAL MAPS IN THIS ATLAS:

A. BIOLOGICAL RESOURCES
B. SOCIOECONOMIC FEATURES
C. SOILS AND LANDFORMS
D. OIL, GAS AND MINERALS
E. HYDROLOGY AND CLIMATOLOGY

1984

Produced by U.S. Fish and Wildlife
Service and Minerals Management Service

Projection and 10,000 meter grid, zone 17: Universal
Transverse Mercator
25,000-foot grid ticks based on Florida coordinate
system, west zone



Produced by U.S. Fish and Wildlife Service and Minerals Management Service

Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
25,000-foot grid ticks based on Florida coordinate system, west zone

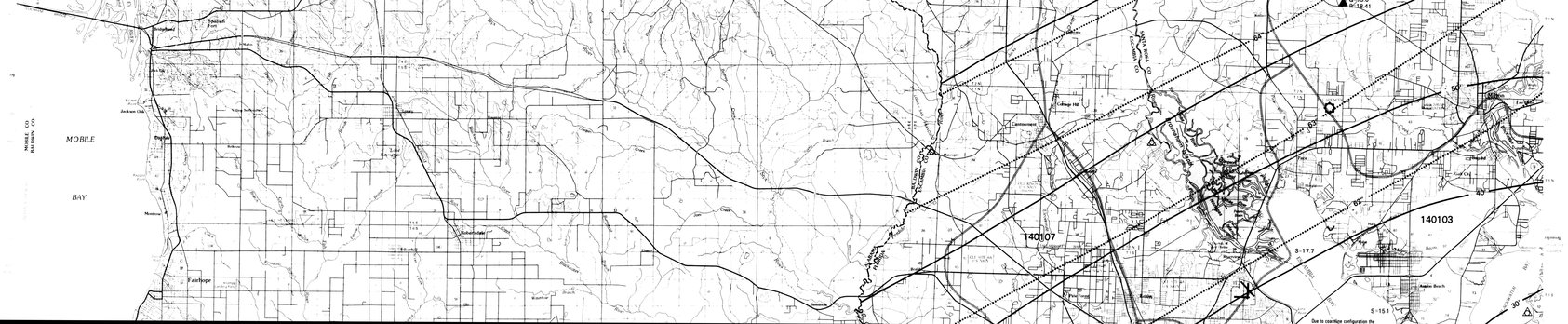
Overlay material compiled in 1983 from latest available data obtained from Federal, State and Local government agencies and other sources.

—50'— POTENTIOMETRIC CONTOURS OF THE FLORIDAN AQUIFER
The map represents dry season water levels present in lightly used wells completed in the Floridan aquifer during May of 1980. The contour interval is 5 and 10 feet. Contour lines have been generalized to allow for non-simultaneous water level measurement and to smooth out local effects.
Groundwater flow is down-gradient from potentiometric highs and perpendicular to potentiometric contour lines.
(Measured in feet above mean sea level)

····52···· MEAN ANNUAL ISOHYETAL (RAINFALL) CONTOURS
(1951-1980 National Weather Service Normal Rate Period)
The contour interval is 1.0" (refer to narrative for monthly isohyetal maps and for trend evaluation)

6 NATIONAL WEATHER SERVICE 30-YEAR CLIMATOLOGICAL STATION
(Number in the box on map refers to station name in supplemental legend

WIND ROSE STATION


MOBILE
BAY
MOBILE CO.
BALDWIN CO.
Daphne
Fairhope
Spanish Fort
Stapleton
Robertsdale
Loxley
Elsanor
Summerdale
Foley
Magnolia Springs
Gulf Shores
Orange Beach
Perdido Beach
Josephine
Bon Secour
Bay Minette
Silverhill
Gateswood
Jackson Oak
Malbis
Point Clear
Montrose
Mobile Point
Fort Morgan
Cotton Bayou
Cedar Point
Pine Beach
Ono Island
Canal Rd.
Cantonment
Walnut Hill
Molino
Barrineau Park
Bellview
Ensley
Pensacola
Warrington
Gulf Breeze
Navarre
Milton
Holley
Whiting Field
Jay
Century
Flomaton
Atmore
Brewton
Evergreen
Andalusia
Florala
Opp
Crestview
Baker
Mossy Head
Freeport
Defuniak Springs
Ponce de Leon
Bonifay
Chipley
Graceville
Marianna
Blountstown
Wewahitchka
Panama City
Panama City Beach
Tyndall AFB
Mexico Beach
Port St. Joe
Apalachicola
Carrabelle
St. George Island
Eastpoint
Alligator Point
Panacea
Crawfordville
Wakulla Springs
Tallahassee
Quincy
Havana
Chattahoochee
Greensboro
Monticello
Madison
Perry
Steinhatchee
Cross City
Old Town
Suwannee
Cedar Key
Yankeetown
Inglis
Crystal River
Homosassa
Homosassa Springs
Beverly Hills
Citrus Springs
Dunnellon
Ocala
Silver Springs
Belleview
Summerfield
Lady Lake
The Villages
Leesburg
Tavares
Eustis
Mount Dora
Sorrento
Mt. Dora
Apopka
Winter Garden
Orlando
Kissimmee
St. Cloud
Poinciana
Davenport
Haines City
Lake Wales
Winter Haven
Auburndale
Lakeland
Plant City
Brandon
Tampa
Temple Terrace
Clearwater
Dunedin
Tarpon Springs
New Port Richey
Hudson
Spring Hill
Weeki Wachee
Brooksville
Zephyrhills
Dade City
Wesley Chapel
Land O' Lakes
Lutz
Oldsmar
Safety Harbor
Palm Harbor
Largo
Seminole
St. Petersburg
Gulfport
Pass-a-Grille
Madeira Beach
Treasure Island
St. Pete Beach
Indian Rocks Beach
Belleair Beach
Belleair Bluffs
Belleair
Clearwater Beach
Sarasota
Bradenton
Palmetto
Ellenton
Parrish
Myakka City
Venice
Nokomis
Osprey
Englewood
Port Charlotte
North Port
Punta Gorda
Arcadia
Fort Myers
Fort Myers Beach
Sanibel
Captiva
Cape Coral
Pine Island
Boca Grande
Gasparilla Island
Lehigh Acres
Alva
Bonita Springs
Estero
Naples
Marco Island
Everglades City
Chokoloskee
Ochopee
Immokalee
Copeland
Labelle
Clewiston
Moore Haven
Palmdale
Fort Myers Shores
Fort Denaud
Alabama
Florida
Georgia
Mississippi
Gulf of Mexico
Escambia River
Blackwater River
Yellow River
Choctawhatchee River
Apalachicola River
Chipola River
Econfina Creek
Aucilla River
Suwannee River
Withlacoochee River
Crystal River
Homosassa River
Weeki Wachee River
Hillsborough River
Alafia River
Little Manatee River
Manatee River
Myakka River
Peace River
Caloosahatchee River
Big Cypress Swamp
Lake Okeechobee
Kissimmee River
Lake Kissimmee
Lake Tohopekaliga
Lake Hatchineha
Lake Istokpoga
Lake Arbuckle
Lake Pierce
Lake Wales Ridge
Lake Marion Creek Reservoir
Lake Rosalie
Lake Jackson
Lake Miccosukee
Lake Iamonia
Lake Seminole
Lake Talquin
Lake Jackson
Lake Lafayette

Yankeetown
Inglis
Crystal River
Homosassa
Chassahowitzka
Weeki Wachee
Aripeka
Hernando Beach
Hudson
Port Richey
New Port Richey
Tarpon Springs
Anclote
Holiday
Palm Harbor
Dunedin
Clearwater
Clearwater Beach
Indian Rocks Beach
Indian Shores
Belleair Beach
Belleair Shore
Madeira Beach
Treasure Island
St. Pete Beach
Pass-a-Grille Beach
Gulfport
St. Petersburg
Tierra Verde
Pinellas Point
Bayboro Harbor
Boca Ciega Bay
Tampa Bay
Old Tampa Bay
Hillsborough Bay
Gulf of Mexico
Withlacoochee River
Crystal River
Homosassa River
Chassahowitzka River
Weeki Wachee River
Anclote River
Pithlachascotee River
Cross Bayou
Long Bayou
Joe Bay
Mullet Key Bayou
Mullet Key
Big Bayou
Coffee Pot Bayou
Snell Isle
Smacks Bayou
Salt Creek
Bayou Grande
Riviera Bay
Gandy Bridge
Howard Frankland Bridge
Courtney Campbell Causeway
Clearwater Pass
Hurricane Pass
Johns Pass
Blind Pass
Pinellas Bayway
Tierra Verde Bridge
Bunces Pass
Fort De Soto Park
Egmont Key
Egmont Channel
Mullet Key Channel
Big Bayou Channel
Coffee Pot Channel
Bayou Grande Channel
Riviera Bay Channel
Gandy Bridge Channel
Howard Frankland Bridge Channel
Courtney Campbell Causeway Channel
Clearwater Pass Channel
Hurricane Pass Channel
Johns Pass Channel
Blind Pass Channel
Pinellas Bayway Channel
Tierra Verde Bridge Channel
Bunces Pass Channel
Fort De Soto Park Channel
Egmont Key